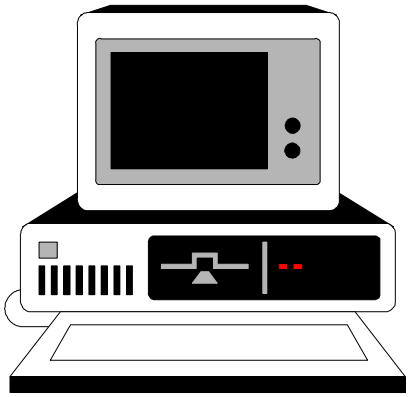
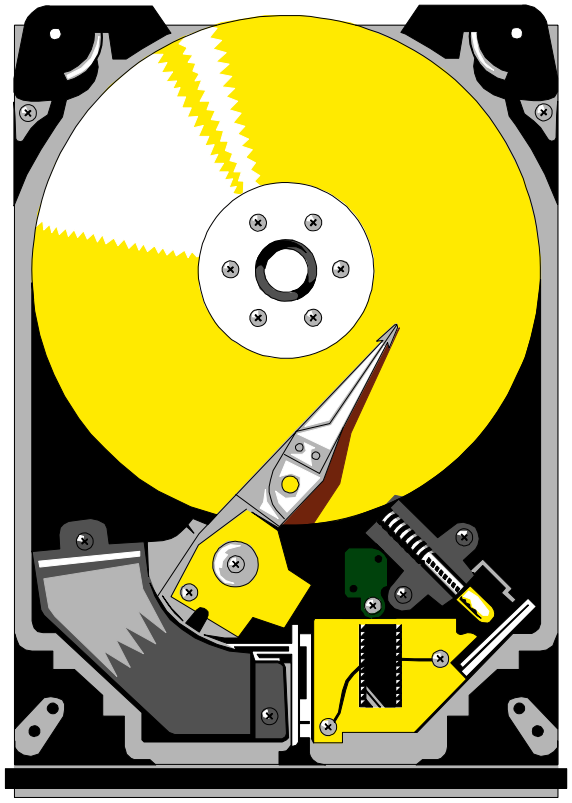




THE DONPIC DATABASE

By Elizabeth Cantwell

Briefing Outline

- **INTRODUCTION TO THE DATA BASE**
  - **FYDP - RAD relationship**
  - **Players**
  - **Updates**
- **CURRENT PROJECTS**
  - **Goals, plans & status**
- **WORKING IN THE DATA BASE**
  - **WINPAT...the Program Analysts Toolkit**

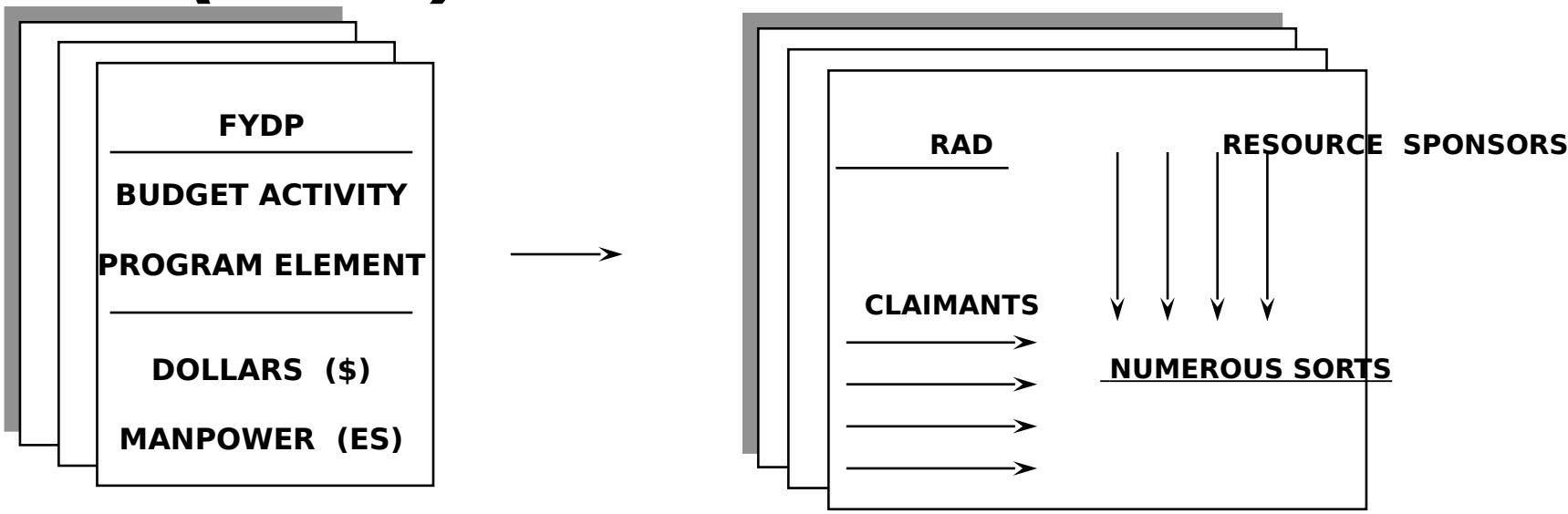
BACKUP SLIDES with additional detail ...included for information

DOD PPBS Resource Structure - Future Years Defense Program (FYDP)

- **BASIC DOD PROGRAMMING TOOL**
- **INTEGRATED AND COORDINATED PROGRAMS**
  - **Forces, Costs, Manpower, Procurement & Construction**
- **STRUCTURE**
  - **Six Year Horizon (Nine Year Force Tables)**
  - **Constructed to Portray Data Two Ways**
    - **Major Force Programs - For DOD Review**
    - **Appropriation - For Congressional Review**
- **UPDATED SEVERAL TIMES DURING BIENNIAL CYCLE**

On-Year	**FEB (PB)**	**MAY (POM)**	**OCT (BES)**
Off-Year	**FEB (PB)**	**MAY (PR)**	**OCT (BES)**

Navy PPBS Resource Allocation Display (RAD)



- CURRENT FYDP IN A SPREADSHEET
- ODD NUMBER RADs SORTED BY RESOURCE SPONSOR
- EVEN NUMBER RADs SORTED BY CLAIMANT

Resource Sponsors

PLATFORM	OPNAV CODE
SUBMARINE	N87
AMPHIBIOUS	N85
GENERAL SURFACE	N86
AVIATION	N88

SUPPORT	
MANPOWER & PERSONNEL	N1
LOGISTICS/SEALIFT	N4
TRAINING & DOCTRINE	N7
ADMINISTRATION	N09B
TEST, EVALUATION & TECHNOLOGY	N091
INTELLIGENCE	N2
MEDICAL	N093
C^4I	N6
OCEANOGRAPHY	N096

Budget Players -

Department of the Navy Budget Submitting Offices

Sometimes referred to as “claimants”

ASST FOR ADMIN, OFF OF UNSECNAV (O&MN/OPN)
CNO (N-09BF) (O&MN/O&MNR/OPN)
HQ USMC (MPMC/RPMC/O&MMC/O&MMCR/PMC)
CINCLANTFLT (O&MN/O&MNR/OPN)
CINCPACFLT (O&MN/O&MNR/OPN)
CINCUSNAVEUR (O&MN/OPN)
CNET (RPN/O&MN/OPN)
NAVOCEANOCOM (O&MN/OPN)
COMNAVRESFOR (RPN/O&MNR/OPN)
CHNAVPERS (MPN/RPN/O&MN/O&MNR/OPN)
BUMED (RPN/O&MN/OPN)
COMNAVCOMTELCOM (O&MN/OPN)
NAVSECGRUCOM (O&MN)
NAVAL INTEL COM (O&MN/OPN)
NAVAIRSYSCOM (O&MN/O&MNR/ (APN/WPN/OPN)
NAVSEASYSCOM (O&MN/O&MNR/ (WPN/SCN/OPN)
SPAWARSYSCOM (O&MN/O&MNR/OPN)
NAVSUPSYSCOM (O&MN/OPN)
NAVFACENGCOM (O&MN/O&MNR/ (OPN/MCN/MCNR/FH)
STRATEGIC SYS PROJ OFF (O&MN/WPN)
OFF OF THE CHIEF OF NAVAL RESEAR (RDT&E,N)

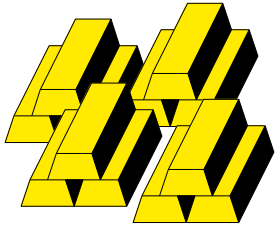
Navy Resources

Some Ways Navy Total Obligational Authority (TOA) is Viewe

SCN/PMC
MPN/MPMC
OMN/OMMC
MILCON
etc.

APPROPRIATIONS

Readiness
Sustainability
Force Structure
Modernization



PILLARS

1 - Strategic
2 - General Purpose
3 - Intelligence

11 - SOF

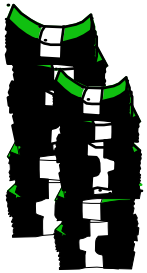
DEFENSE MISSION CATEGORIES

Joint Strike
Joint Littoral
etc.

MISSION ASSESSMENT

N1/M&RA
N4/I&L
N6
N85
etc.

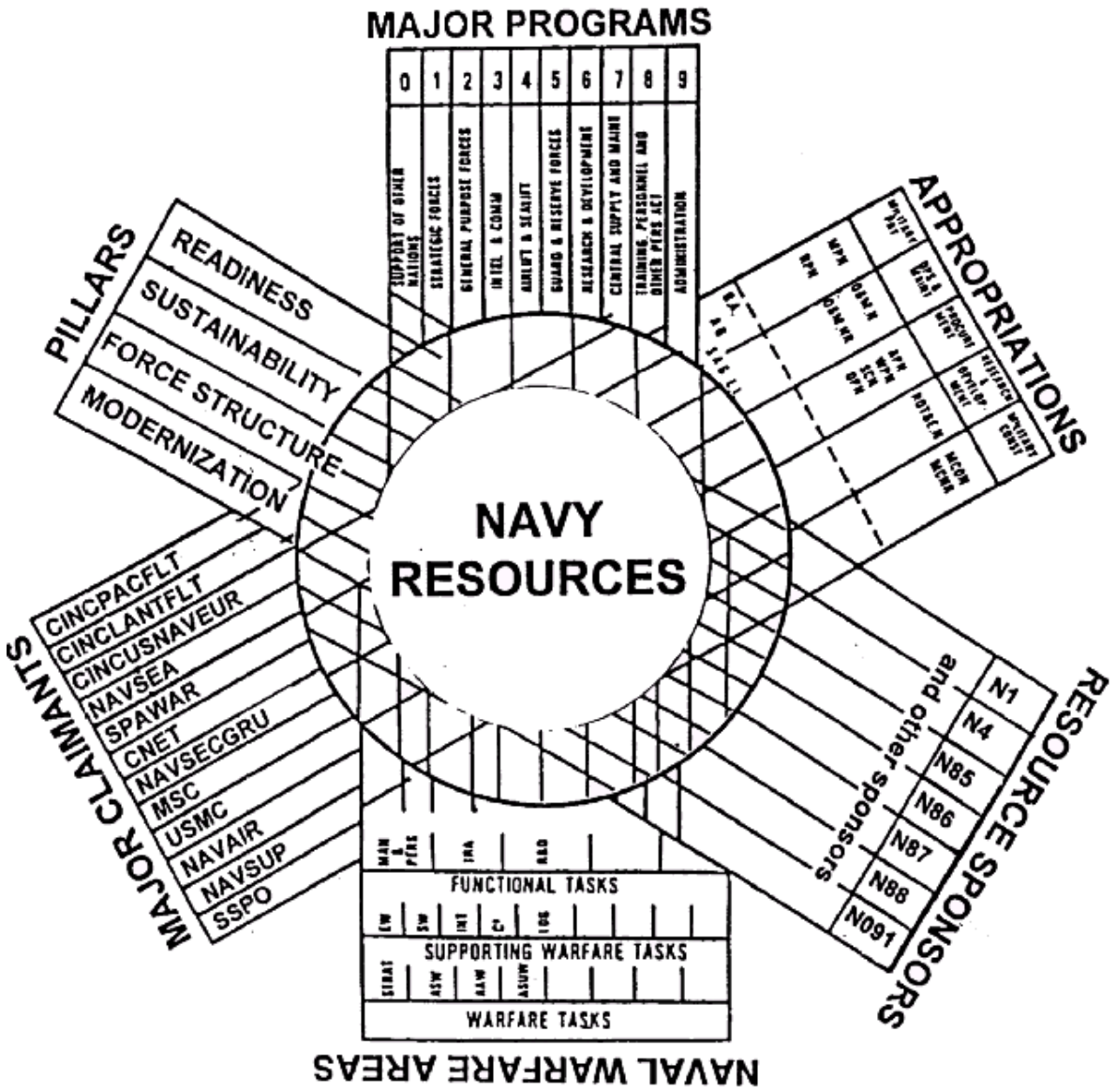
RESOURCE SPONSORS



NAVSEA
BUPERS
LANTFLT
PACFLT
etc.

MAJOR CLAIMANTS

Cutting the Navy Pie



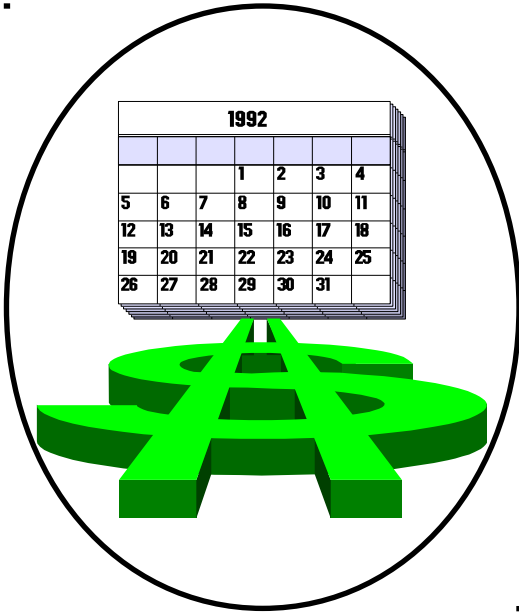
THE RAD

THE RESOURCE ALLOCATION DISPLAY (RAD) IS THE NAVY PROGRAMMING DATABASE

- **Provides a continuum throughout the programming and budgeting process**
  - **Used for POM development by N80, resource sponsors, budget changes by FMB and claimants, and FYDP updates submitted to OSD**
- **Audit trail for program and budget decisions/changes**
  - **Used by N80, Resource Sponsors, claimants**
- **Resources**
  - **Manpower**
  - **Money**
- **RAD coincides with a FYDP update**

FYDPs / RADs

- **SEPT 2000 - DON BUDGET ESTIMATE SUBMISSION (BES)**
  - FY 2002/2003 BUDGET (2000-2007) TO OSD
  - RAD I
- **JAN 2001 - PRESIDENT'S BIENNIAL BUDGET (PB)**
  - FY 2002/2003 BUDGET (2000-2007)
  - RAD III
- **MAY 2001 - PROGRAM REVIEW 03**
  - FY 2003-2007 PROGRAM TO OSD
  - RAD V
- **SEPT 2001 - DON BUDGET ESTIMATE SUBMISSION (BES)**
  - FY 2003 BUDGET
  - RAD VII 2001-2007
- **JAN 2002 - PRESIDENT'S BUDGET (PB)**
  - FY 2003 BUDGET 2001-2007
  - RAD IX
- **JUN 2002 - POM-04**
  - FY 2004-2009 PROGRAM TO OSD
  - RAD XI
- **SEP 2002 - DON BUDGET ESTIMATE SUBMISSION (BES)**
  - FY 2004/2005 BUDGET TO OSD
  - RAD I



DATA SUBMISSIONS TO OSD

- **BES/President's Budget/POM/Program Review**
  - **FYDP (Navy/Marine Corps Appropriations - MPN/RPN from PERS**
    - **APPN, Program Element**
  - **PALI**
    - **Procurement Appropriations**
    - **APPN, Line Item, Program Element**
  - **RDPROJ**
    - **RDTE appropriation**
    - **APPN, Program Element, RDTE Project**
- **POM/Program Review**
    - **Procurement Annex**
    - **RDTE Annex**

LEVEL OF DETAIL

- **The DONPIC database contains all the detail available at Navy Headquarters**
  - **Previously CNO portion only**
  - **Added CMC portion March 1996**
- **The Database aligns with FMB at points in time and at a specific level of detail**
  - **During the POM N80 controls Database**
  - **Other times FMB has control**
  - **Matching levels of detail is appropriation oriented**
  - **Basic difference between FMB/N80 Database is Program Element level is only carried in N80 Database**

Issues

Provide audit trail of changes to the data base

- **One or a combination of adjustments (deltas) which comprise one programmatic change to database**
  - **Sponsors are given a block of issue numbers for POM development**
  - **N80 assigns end-game and ZOW issue numbers**
  - **Contains a title and narrative description of the programmatic change**
- **Issues may have multiple appropriations, program elements, line items, etc.**

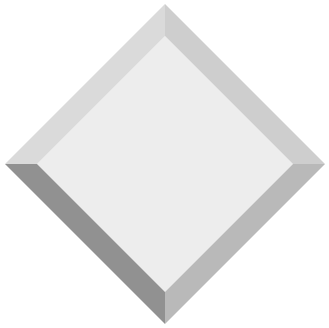
N80 analysts “spread” FMB issues to PEs for FYDP Update

HISTORICAL DATABASES

- **Summary**
  - **Department of Defense appropriation level data from 1900 - present**
- **Historical audit**
  - **Trail of the programming database starting from January 1982**
    - **Issue detail**
    - **1988 forward is at UIC level of detail**
    - **1982-1987 does not have UIC level of detail**

Current Projects

- **Continue to ensure data commonality with FMB**
- **Build PR-01/POM-02**
  - **Both Navy/Marine Corps on WINPAT**
  - **Marine Corps builds on separate system**
  - **Single DON Database - MC POM issues incorporated**
- **CINC'S & Navy claimants on WINPAT**
  - **FMB IS NOT**
  - **Move from SQLNet Async to Point to Point Protocol (PPP) for faster, more reliable access to DB**
- **Incorporate new fields necessary to assist users in assessment process**



Working in the Data Base

WINdows
Program
Analyst's
Toolkit

WINPAT

WINPAT Data Field Definitions
...ways to sort the data

- **Activity Group (AG)**
  - **First two characters of the AGSAG/CLI**
- **Appropriation (APPN)**
- **Budget Activity (BA)**
- **Business Category (BC)**
- **Business Element (BE)**
- **Construction Code (CC)**
  - **Last two characters of the CLI (used for MILCON)**
- **Construction Project (CONSTR) (used for MILCON-PNO+ID)**
- **Claimant (CL)**
  - **A two digit code indicating a particular claimant(e.g., 39 = SPAWAR)**

WINPAT Data Field Definitions (cont)

- **Common Line Item (CLI) - represents different things depending on appropriation**
  - **Procurement (APN, SCN, WPN, OPN) - procurement line item**
  - **RDT&E - R&D project code**
  - **Operating accounts (OMN, OMNR, MPN, RPN, CIVPERS) - AGSAG**
  - **MILCON - Investment Category/Investment Program/Construction Code**
- **Constant $ - Constant Budget Dollars**
  - **Calculated from then year dollars (TY$) to a specified base year**
- **Defense Mission Category (DMC)**
  - **Defined by OSD; a program element is assigned to only one DMC**
- **Defense Planning & Programming Category (DPPC)**
  - **Defined by OSD; a program element is assigned to only one DPPC**
- **Duty Status (DS)**
  - **Type of military endstrength (officer, enlisted, midshipman)**
  - **Used by MPN and RPN appns**

WINPAT Data Field Definitions (cont)

- **Functional Assessment Team (FAT)**
- **Sub-Functional Assessment Team (SUBFAT)**
- **Investment Category (INV_CAT)**
  - **First two characters of the CLI (used in MILCON)**
- **Investment Program (INV_PROG)**
  - **Second two characters of the CLI (used in MILCON)**
- **Issue (IS)**
  - **A change to the WINPAT database**
- **Joint Mission Area/Support Area(JM/SA)**
- **Major Program (MAJ_PROG)**
  - **The first two characters of the program element; used to define “major programs” (1 = Strategic, 2 = General Purpose Forces, etc.)**

WINPAT Data Field Definitions (cont)

- **Major Defense Acquisition Program (MDAP)**
- **Officer/Enlisted (OE)**
  - **Gives total officer/enlisted endstrength**
- **Priority/Fund Level**
    - **Core/Above Guidance**
- **Programming Category (PCAT)**
  - **“The Maus Categories” (VADM Maus, former N8)**
    - **Aggregates database into six categories (Acquisition/Mods, Infrastructure, Fleet OPS, Depot Maint. RDTE and Headquarters)**
    - **Attempt to isolate infrastructure, little used**
- **Program Element (PE)**
  - **Eight character field used to define programs; assigned by OSD**
- **Program Executive Officer (PEO)**

WINPAT Data Field Definitions (cont)

- **Pillar (PILLAR)**
  - **Four major categories - Force Structure, Modernization, Readiness, Sustainability**
- **Quad Code (QUAD_CODE)**
  - **Lowest level of pillar structure**
- **RDT&E Category (RDTE_CAT)**
- **Resource Sponsor (RS)**
- **Resource Allocation Database (RAD)**
- **Special Interest Category (SI)**
  - **For the operating accounts**
  - **Further defines resources below the AGSAG**
- **Special Warfare Task Area (SPEC_WAR)**
  - **A combination of APPN, LI, PE to assign data to warfare tasks**
- **Status(STATUS)**
  - **Used to track approval status of an issue**

WINPAT Data Field Definitions (cont)

- **Sub Appropriation (SUBAPN)**
  - **Used to determine the split in OMN/OMNR, Family Housing & CIVPERS**
- **Sub Pillar**
  - **Aggregation of Quad Codes below the Pillar level**
- **Task Area (TASK_AREA)**
  - **Aggregates program elements into their applicable task area (e.g., amphibious warfare, mine, USMC, etc.)**
- **Training RAD (TRARAD)**
  - **Identifies training resources**
- **Type Hire (TH)**
  - **Type of civilian endstrength (direct US hire, indirect US hire, foreign indirect US hire)**
- **Unit Identification Code (UIC)**
  - **Used by MPN/RPN to identify billets at a specific activity**
  - **Used by MCN/MCNR to identify construction projects at a specific activity**

DETAIL BACKUP

DATABASE FIELDS

MAIN FIELDS

APPROPRIATION (APPN)
LINE ITEM (AGSAG/LINE ITEM)
SPECIAL INTEREST (SI)
PROGRAM ELEMENT (PE)
RESOURCE SPONSOR (RS)
CLAIMANT(CL)
PROGRAM EXECUTIVE OFFICE (PEO)
DUTY STATUS (DS)
TYPE HIRE (TH)
CONSTRUCTION PROJECT (CONSTR)
UNIT IDENTIFICATION CODE (UIC)
ISSUE (IS)
PRIORITY(PRI)
MAJOR DEF ACQ PROGRAM(MDAP)

DATABASE FIELDS

DERIVED (AGGREGATION)

TASK AREA
PILLAR
SUB PILLAR
QUAD CODE
TRAINING RAD
SPECIAL WARFARE TASK AREA
PROGRAMMING CATEGORY
DEFENSE MISSION CATEGORY
MAJOR PROGRAM
BUDGET ACTIVITY
DEFENSE PLANNING & PROGRAMMING CATEGORY
INVESTMENT CATEGORY
INVESTMENT PROGRAM

DATABASE FIELDS

DERIVED (AGGREGATION) (CONT)

ACTIVITY GROUP
ASSESSMENT CATEGORY
FUNCTIONAL TEAM
JOINT MISSION AREA/SUPPORT AREA
INFRASTRUCTURE

DATABASE FIELDS

USER DEFINED COLUMNS

Fields used by the Resource Sponsors to aggregate their resources in internal grouping

- **Division**
- **Branch**
- **Working Group**
- **Program**

Task Area

- **Strategic**
- **General Purpose Forces**

  ASW AAW ASUW Strike
  Amphib USMC Mine Warships

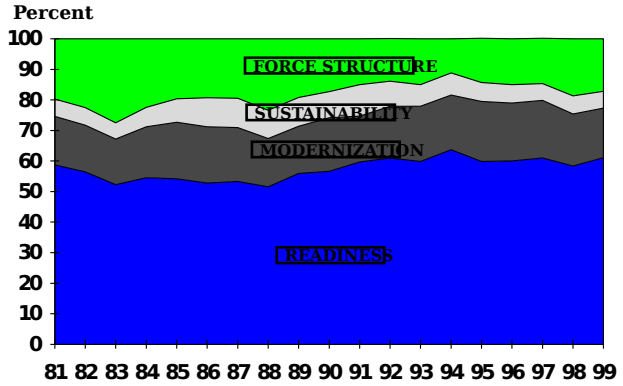
- **C³I**

  Intelligence EW C³I Space & Electronic Warfare

- **Central Support**

  Support & Logistics Sealift Support FCS,
  MOB Other Shore Est. Medical
  Personnel Support Training R&D Support
  Admin & DoD Support

Pillars



- **Force Structure**
  - New ship & aircraft procurement (lion's share of SCN/APN account)
  - New mission MILCON
- **Modernization**
  - Ship, aircraft & weapons systems improvements/upgrades
  - RDT&E (entire appropriation)
- **Sustainability**
  - War Reserves (ordnance & spares)
  - Mobilization (RPN, OMNR)
- **Readiness - about 60% of Navy TOA**
  - Short & long term force readiness (majority of OMN)
    - Flying/steaming hours
    - Intermediate and depot level maintainance
  - Base support

DON Appropriations

- MILITARY PERSONNEL, NAVY (MPN)
- MILITARY PERSONNEL, MARINE CORPS (MPMC)
- RESERVE PERSONNEL, NAVY (RPN)
- RESERVE PERSONNEL, MARINE CORPS (RPMC)
- OPERATION AND MAINTENANCE, NAVY (OMN)
- OPERATION AND MAINTENANCE, MARINE CORPS (OMMC)
- OPERATION AND MAINTENANCE, NAVY RESERVE (OMNR)
- OPERATION AND MAINTENANCE, MARINE CORPS RESERVE (OMMCR)
- AIRCRAFT PROCUREMENT, NAVY (APN)
- WEAPONS PROCUREMENT, NAVY (WPN)
- SHIPBUILDING AND CONVERSION, NAVY (SCN)
- OTHER PROCUREMENT, NAVY (OPN)
- PROCUREMENT, MARINE CORPS (PMC)
- RESEARCH, DEVELOPMENT, TEST AND EVALUATION NAVY (RDTEN/RDTEMC)
- MILITARY CONSTRUCTION, NAVY (MCN/MCNMC)
- MILITARY CONSTRUCTION, NAVAL RESERVE (MCNR/MCNMCR)
- FAMILY HOUSING, NAVY AND MARINE CORPS (FHN&FHMC)
- NATIONAL DEFENSE SEALIFT FUND (NDSF)
- BASE REALIGNMENT AND CLOSURE (BRACII,BRACIII,BRACIV,BRACERN)
- PROCUREMENT AMMUNITION, NAVY/MARINE CORPS(PANMC)
- KAHO’OLAWE ISLAND RESTORATION(KAHO)

Appropriations (Blue)

- Military Personnel Navy (MPN)
- Reserve Personnel Navy (RPN)
- CIVPERS (Endstrength and FTE's only, no $$$)
- Operations & Maintenance Navy (OMN)
- Operations & Maintenance Navy Reserve (OMNR)
- Other Procurement Navy (OPN)
- Weapons Procurement Navy (WPN)
- Aircraft Procurement Navy (APN)
- Shipbuilding & Conversion Navy (SCN)
- Research, Development, Test & Evaluation Navy (RDTEN)[1]
- Research, Development, Test & Evaluation Marine Corps (RDTEMC)[1]
- Military Construction Navy (MCN)[2]
- Military Construction Navy Reserve (MCNR)[2]
- Military Construction Marine Corps (MCNMC)[2]
- Military Construction Marine Corps Reserve (MCNMCR)[2]
- Family Housing Navy (FHN)[3]
- Family Housing Marine Corps (FHMC)[3]
- National Defense Sealift Fund (NDSF)
- Base Realignment and Closure (BRACII/BRACIII/BRACIV,BRACERN))
- Procurement Ammunition, Navy/Marine Corps(PANMC)
- Kaho'olawe Is Restoration(KAHO)

1, 2 & 3 - Really only 2 appropriations, separated by Claimant for Blue/Green split

Appropriations (Green)

- **Military Personnel Marine Corps (MPMC)**
- **Reserve Personnel Marine Corps (RPMC)**
- **CIVPERS, USMC**
- **Operation and Maintenance Marine Corps (OMMC)**
- **Operations and Maintenance Marine Corps Reserve (OMMCR)**
- **Procurement Marine Corps (PMC)**

Appropriation Sponsors

	APPROPRIATION	SPONSOR
MILITARY PERSONNEL, NAVY	MPN	N1
RESERVE PERSONNEL, NAVY	RPN	N095
OPERATION & MAINTENANCE, NAVY	O&MN	N82
OPERATION & MAINTENANCE, NAVAL RESERVE	O&MNR	N095
AIRCRAFT PROCUREMENT, NAVY	APN	N88
WEAPONS PROCUREMENT, NAVY	WPN	N86
SHIPBUILDING & CONVERSION, NAVY	SCN	N86
OTHER PROCUREMENT, NAVY	OPN	N82
RESEARCH, DEVELOPMENT, TEST & EVAL, NAVY	RDT&EN	N091
MILITARY CONSTRUCTION, NAVY	MILCON	N4
MILITARY CONSTRUCTION, NAVAL RESERVE	MCNR	N095
FAMILY HOUSING, NAVY	FHN	N4

Tasks

- SUPERVISORY CONTROL OVER AN APPROPRIATION
- CONSOLIDATE PROGRAMMATIC REQUIREMENTS INTO APPROPRIATIONS

Program Elements

- **Primary data element in the FYDP**
  - **Represents aggregations of organizational entities and resources**
- **Building blocks for programming system**
  - **Displays total resources for a specific program**
  - **Displays weapons systems within a program**
  - **Can consist of manpower, dollars and forces or all three**

Program Elements (cont)

- **Program element coding - 8 digit character code**
  - **First two positions identifies program**
    - **01 - Program 1 - Strategic Forces, 02 - Program 2 - General Purpose Forces**
  - **Program 5 (Reserve) PEs, the 3rd and 4th positions, identify active force program to which it relates**
  - **Program 6 PEs, the 3rd and 4th positions, identify R&D categories**
  - **Sets of PEs are identified by a common code in the 6th and 7th positions**
    - **xxxxx90x - Visual Information Activities**
    - **xxxxx76x - Minor Construction - Real Property Maintenance**
    - **xxxxx78x - Maintenance & Repair - Real Property Maintenance**
    - **xxxxx96x - Base Operations**
    - **xxxxx98x - Management Headquarters**
    - **xxxxx56x - Environmental Compliance**
    - **xxxxx95x - Base Communications**
    - **xxxxx79x - Real Property Services**
    - **xxxxx53x - Environmental Conservation**
    - **xxxxx54x - Pollution Prevention**

Line Items

- **Aggregation of functionally related resources**
  - **Usually related to budget activity (investment accounts)**
  - **Same LI can be in different appropriations**
  - **Different meaning depending on appropriation**
- **Investment Appropriations**
  - **Six digit code**
    - **First 4 digits: line item code**
    - **Last 2 digits: Reserve (01) or active (00) program**
    - **Last 2 digits (OPN): (05) install or (06) Non-FMP**
  - **MILCON**
    - **LI = Investment Category - (first 2 digits)+Investment Program (middle 2 digits)+Construction Code (last 2 digits)**
  - **Family Housing**
    - **Each construction project has a unique LI code**
- **RDT&E**
  - **LI = RDT&E Project (e.g. S0001 where S indicates a NAVSEA project)**

Construction Project Number

- **Used with MILCON only**
  - **Different from LI**
- **A 5 digit number**
  - **First 3 digits = Project number**
  - **Last 2 digits = Modifier to distinguish projects at different locations that have the same project number**
- **Each activity's (UIC) MILCON projects are assigned sequentially**